



MEMORANDUM

To: Mark Smith, Director of Public Works
From: Pete Caler, Assistant Director Public Works/BVSWMA Director
Date: November 4, 2008
Subject: Results of 2008 Annual Topographic Aerial Survey and Available Airspace Computations and Closure/Post Closure Cost Estimate for the Rock Prairie Road Landfill

The purpose of this memorandum is to transmit the 2008 Rock Prairie Road Landfill Available Airspace Computations, Closure/Post Closure Cost Estimate and provide an executive summary of available airspace remaining at the facility.

Executive Summary – Estimated Airspace

Some important items on page three of the Available Airspace Computations in the 2008 column are that tonnage accepted at the facility increased by almost 16% yet volume used decreased approximately 35%. The primary causal factor for this performance improvement was adherence to the operational improvement program presented to the BVSWMA Policy Advisory Board in the Landfill Transition Strategy Plan dated November 2007 (attached), consisting of soil usage minimization and additional compaction equipment utilization during periods when the facility is receiving more than 100 tons per hour. The increase in compaction, to 1789 Lbs per cubic yard from 1150 is a 56% performance increase. We will strive to retain this extremely high level of performance; however, future environmental factors such as a severe hailstorm could reduce compaction levels.

Assuming that performance remains the same as in 2008, and that the facility continues to see an annual 16% increase in received tonnage, I estimate remaining site life at 24 months including November 2008. This calculation does not include the 10 foot height increase permit modification that could potentially add another 3-4 months to the site life. While the remaining airspace estimation is good news, site life is limited, and we will continue to expedite the development of the Twin Oaks Landfill.

Finally, I commend Samantha Best, Howard Stough, and the entire BVSWMA operations staff for their efforts in not only improving, but also exceeding operational expectations.

Enclosures

- 1 – Results of Annual Topographic Aerial Survey and Available Airspace Computations (2008) Rock Prairie Road Landfill (Permit No. 1444C)
- 2 – Closure and Post-Closure Cost Estimates (2008) for Rock Prairie Road Landfill Permit 1444C
- 3 – Landfill Transition Plan – November 2007